

IN THE CLAIMS:

1. (amended) A rotary electrical machine ~~of the type which comprises~~ comprising at least one member (14, 16) on which at least one electrical winding (32, 62) is formed, the winding comprising at least one electrically conductive element (34) which is wound in such a way as to form the winding and which is coated with at least one layer (36) of electrically insulating material, ~~characterised in that~~ wherein, prior to the winding step, the coated conductive element (34) is clad with a connecting layer (72) consisting of at least one connecting material (73) that joins together adjacent portions of the coated electrically conductive element (34), ~~in that~~ and wherein an electrically insulating leaf (44, 100) is interposed between the winding (32, 62) and the member (14, 16) on which the winding (32, 62) is formed, and ~~in that~~ and wherein the insulating leaf (44, 100) comprises an electrically insulating structural element (74), on at least one of the faces of which a second connecting material (76) is applied at least partially, whereby to join the insulating leaf (44) to at least one of the winding (32, 62) and the member (14, 16) on which the winding (32, 62) is formed.
2. (original) A rotary electrical machine according to Claim 1, characterised in that the structural element (74) is at least partially impregnated by the second connecting material (76).
3. (original) A rotary electrical machine according to Claim 1, characterised in that the second connecting material (76) is identical to the first connecting material (73).
4. (original) A rotary electrical machine according to Claim 1, characterised in that the structural element (74) is a leaf of electrically insulating paper.

5. (original) A rotary electrical machine according to Claim 1, characterised in that the structural element (74) is made of electrically insulating cloth.
6. (original) A rotary electrical machine according to Claim 1, characterised in that at least one of the connecting materials (73, 76) comprises a polymer.
7. (previously amended) A rotary electrical machine according to Claim 6, characterised in that the polymer is of the thermosetting type.
8. (original) A rotary electrical machine according to Claim 6, characterised in that the polymer is of the thermoplastic type, the melting point of which is higher than the maximum working temperature of the rotary electrical machine.
9. (original) A rotary electrical machine according to Claim 1, characterised in that the member (14, 16) on which at least one winding (32, 62) is formed is a stator (14).
10. (original) A rotary electrical machine according to Claim 1, characterised in that the member (14, 16) on which at least one winding (32, 62) is formed is a rotor (16).
11. (original) A rotary electrical machine according to Claim 1, characterised in that it is an alternator (10).
- 12-26. (canceled)

In re CHOCHOY
10/031,393

REMARKS

Claims 1-11 are pending in the application. Applicant has amended claim 1 to correct several minor informalities prior to issuance of the instant application. The foregoing amendment addresses minor informalities and raise no new issues.

No new matter has been introduced.

Applicants believe that no fee is required for this submission. However, should a fee be due, please charge such fee to Deposit Account No. 50-0548.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Matthew Stavish", is written over a horizontal line.

Matthew Stavish

Registration No. 36,286

LINIAK, BERENATO & WHITE
6550 Rock Spring Drive
Suite 240
Bethesda, Maryland 20817
Telephone: (301) 896-0600
Facsimile: (301) 896-0607